



Army Standing Committee Meeting



Electronic Security System (ESS) Overview & Security Systems Connectivity

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ESC Web Site: www.hnd.usace.army.mil/esc



OUTLINE



- **Introduction** - who we are & what we do
- **ESS Overview** - technology & process
- **ESS Connectivity** - keys for MILCON success



Introduction – MCX Charter



AR 190-13:

HQUSACE will ... maintain centers of expertise for protective design and for IDS to provide assistance to all Army elements...

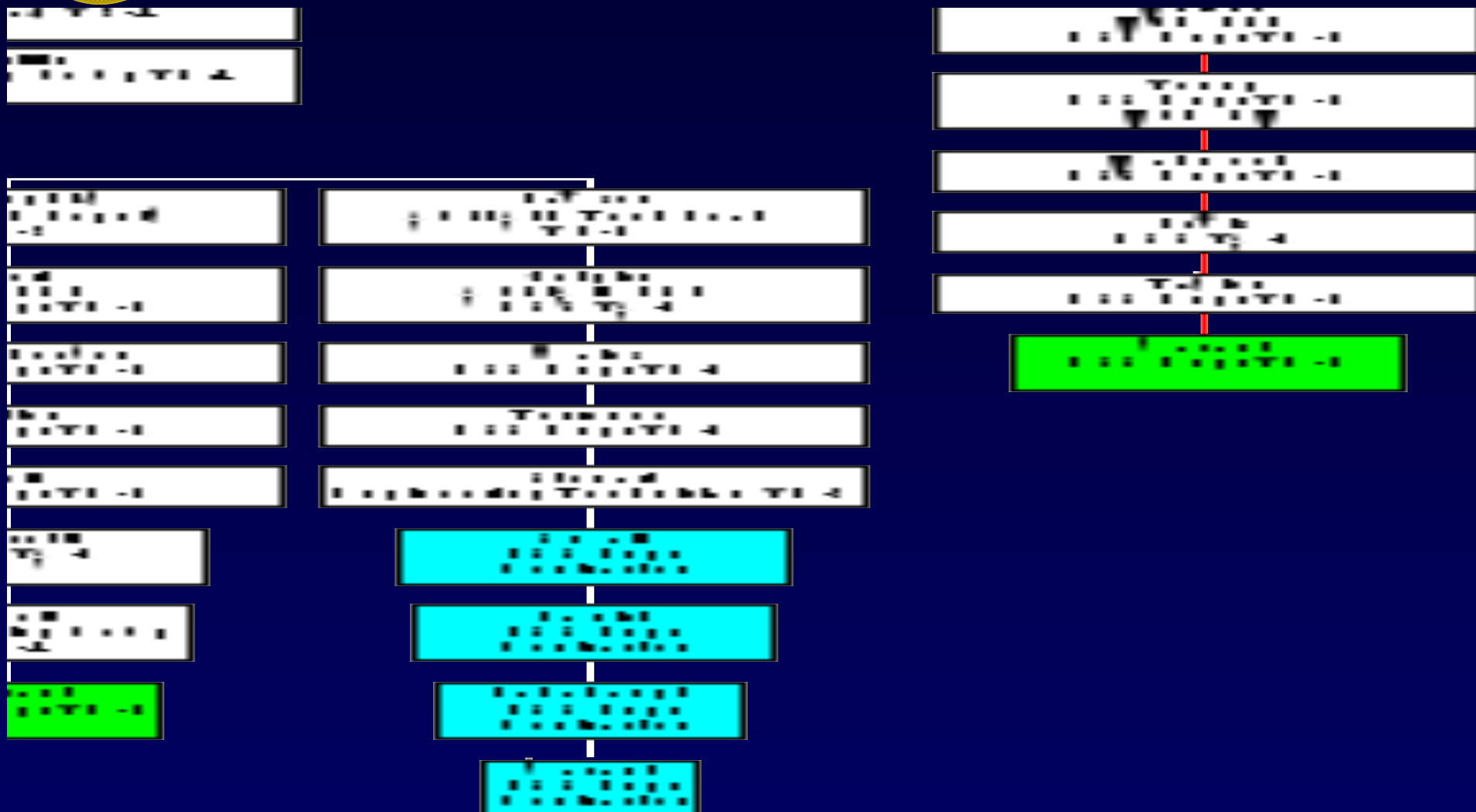
ER 1110-1-8158:

...have unique or exceptional technical capability in a specialized subject area that is critical to other USACE

Chartered in 1983



Introduction - The Team



Currently seventeen (17) ESS engineers & specialists



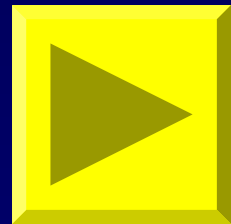
Introduction – What we do

- Surveys
- Criteria and Design
- Design Reviews
- Technical Proposal Reviews
- Review Contractor Submittals
- Procure, Install, Test, Start-up Systems
- Training
- Special Studies and Investigations

First priority....serve the Army.



ESS Technology Overview

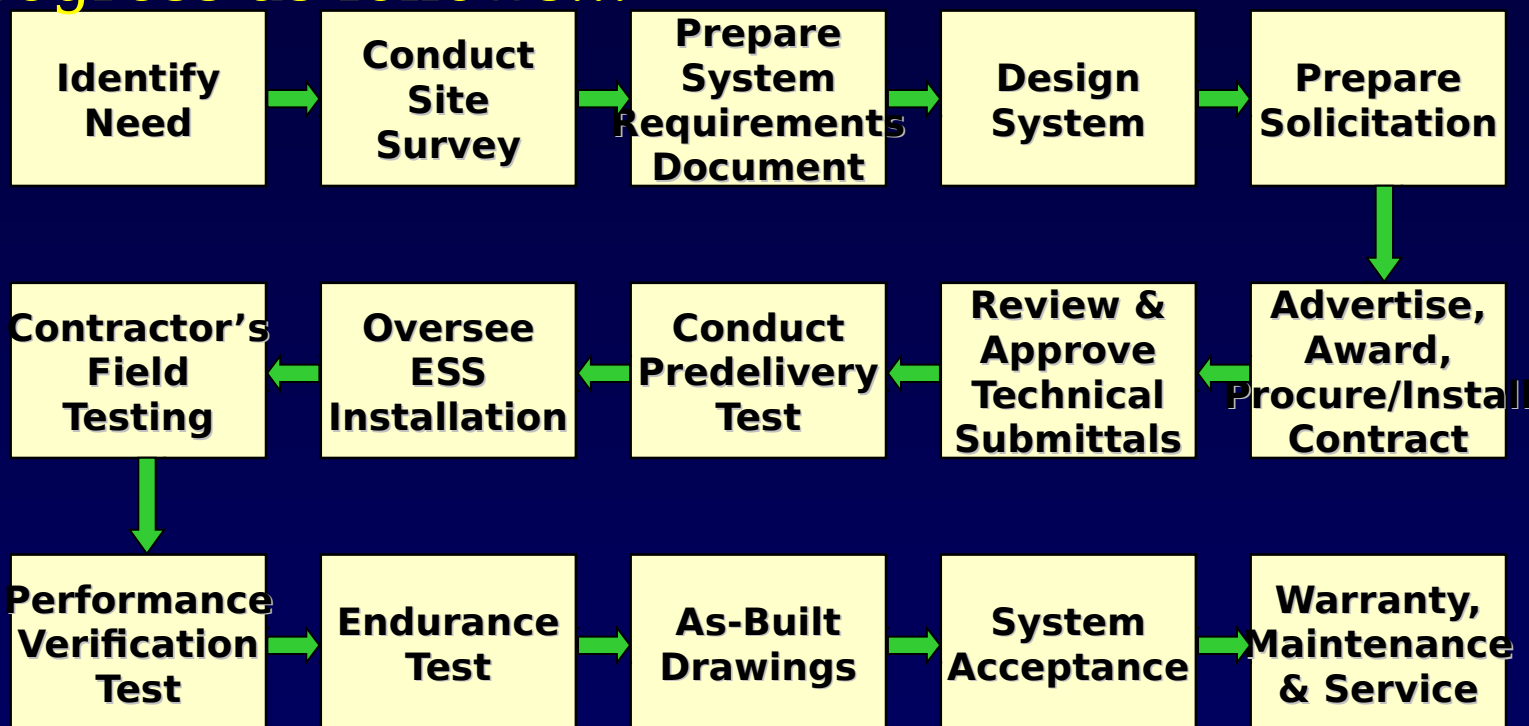




ESS Process Overview



ESS implementation, whether a brand new system or an upgrade of an existing system, will generally progress as follows...

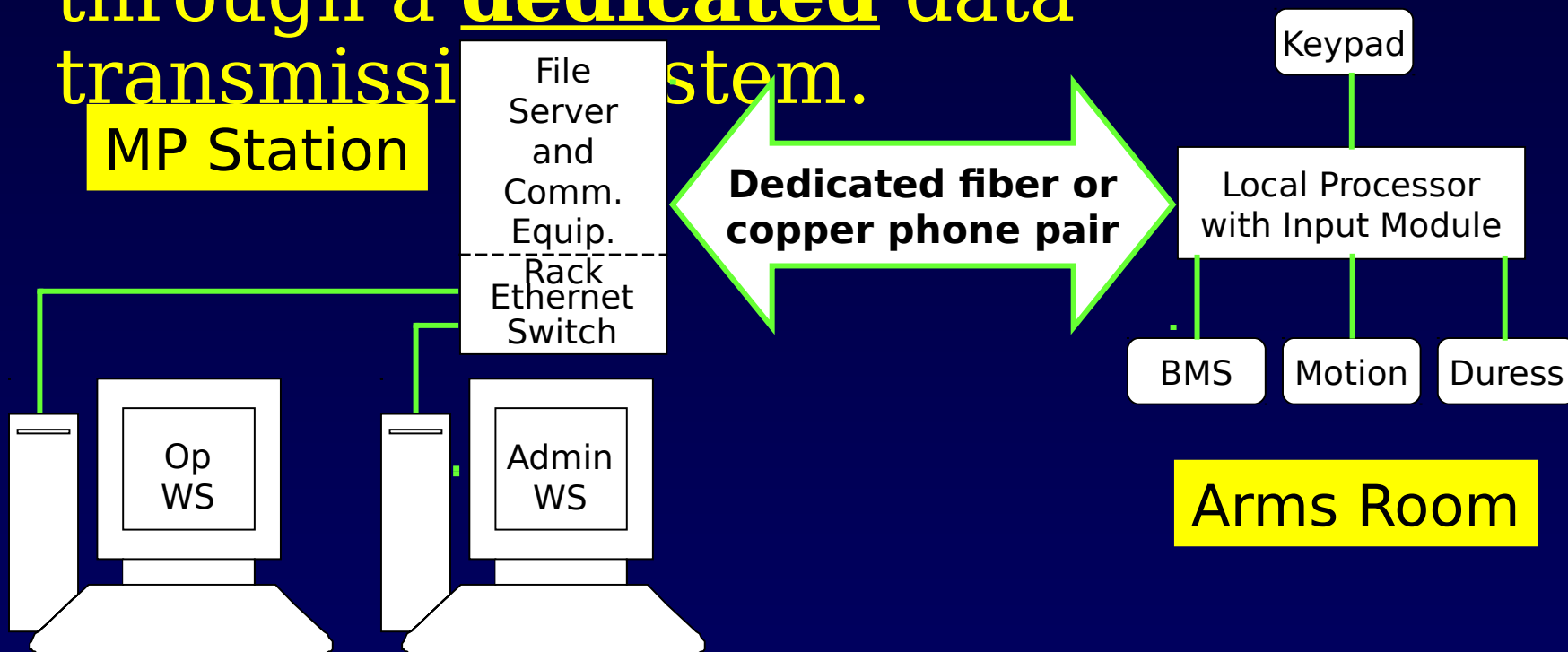


What's missing?



ESS Connectivity...

...should be achieved, both within the building and across the installation, through a **dedicated** data transmission system.



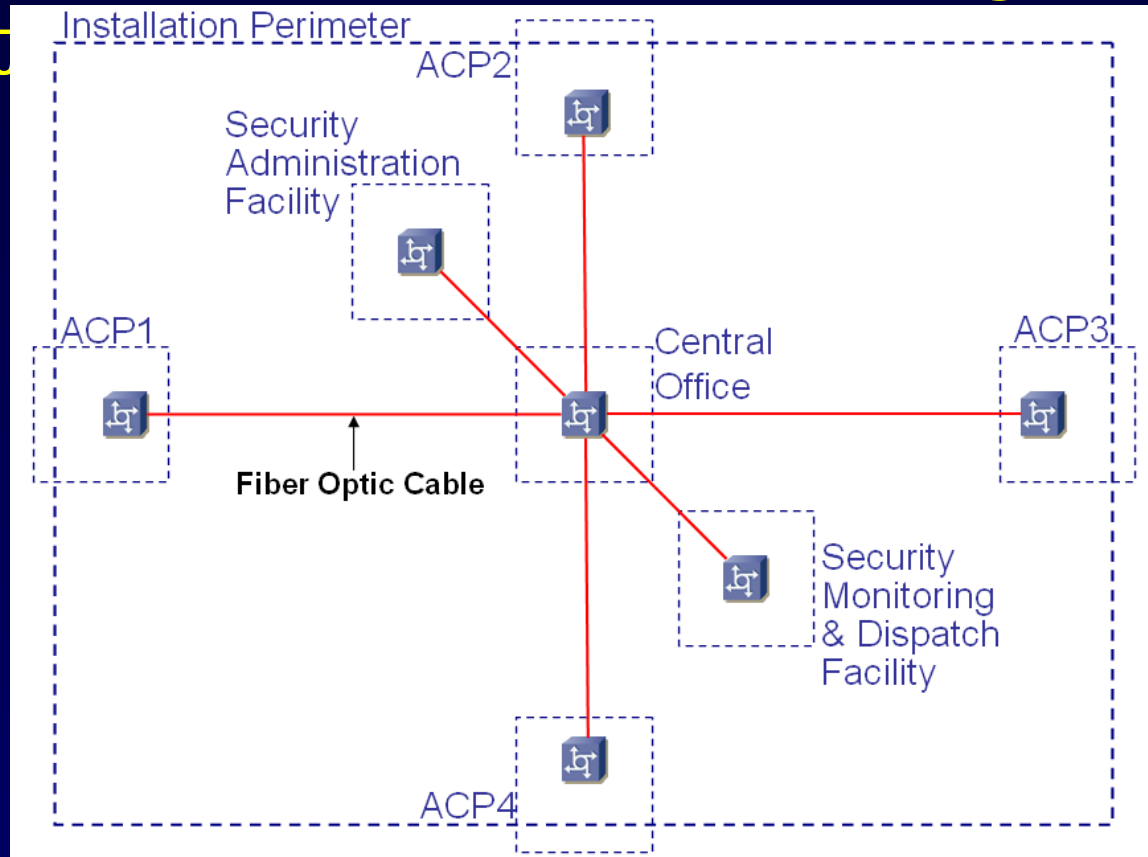
AR 190-13: "...alarm circuits shall be electrically supervised and dedicated."



ESS Connectivity...



...should address all data transmission nodes, both within the building and across the



sensors, cameras, controlled doors, processors, servers, workstations



QUESTIONS???



Recent editions of Technical Bulletins are available!